

(21) Application No 7944667

(22) Date of filing  
24 Aug 1979

(30) Priority data

(31) 78/34683

(32) 25 Aug 1978

(33) United Kingdom (GB)

(43) Application published  
24 Sep 1980

(51) INT CL<sup>3</sup> B65D 6/06

(52) Domestic classification  
B8P K1

(56) Documents cited

GB 1502258

GB 1494313

GB 1475042

GB 1127739

(58) Field of search

B8P

E2B

(71) Applicant

Mr Alan Francis Day  
133 Birch Tree Avenue  
West Wickham  
Kent  
BR4 9EQ

(72) Inventor

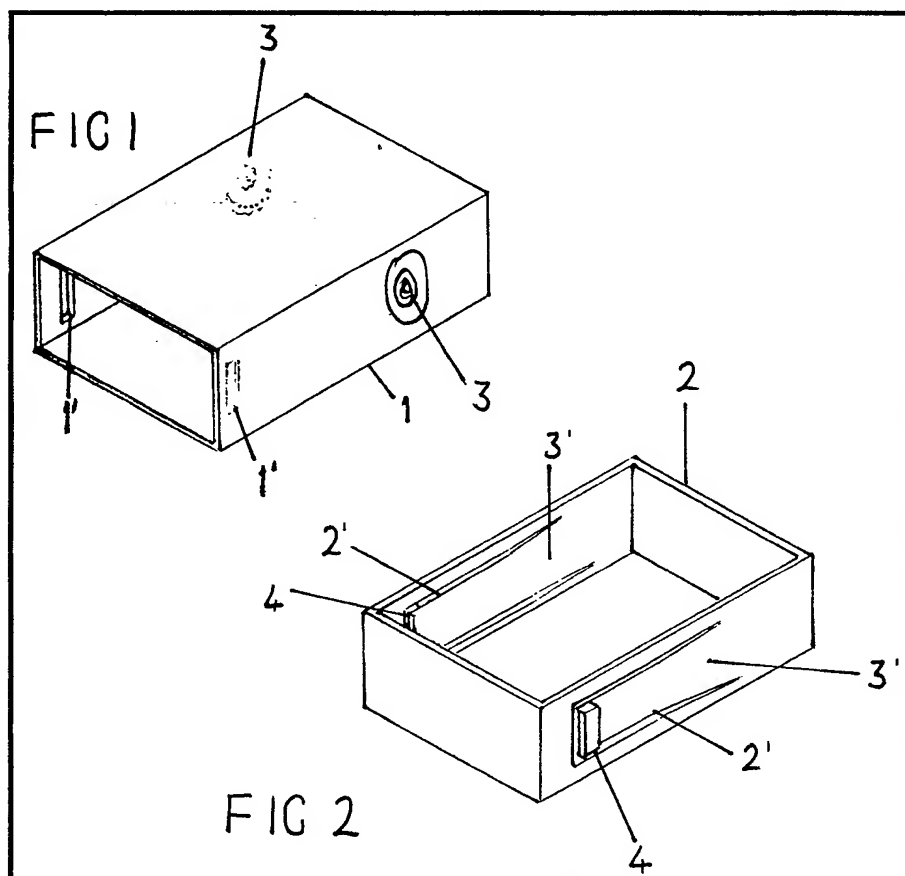
Alan Francis Day

(74) Agents

None

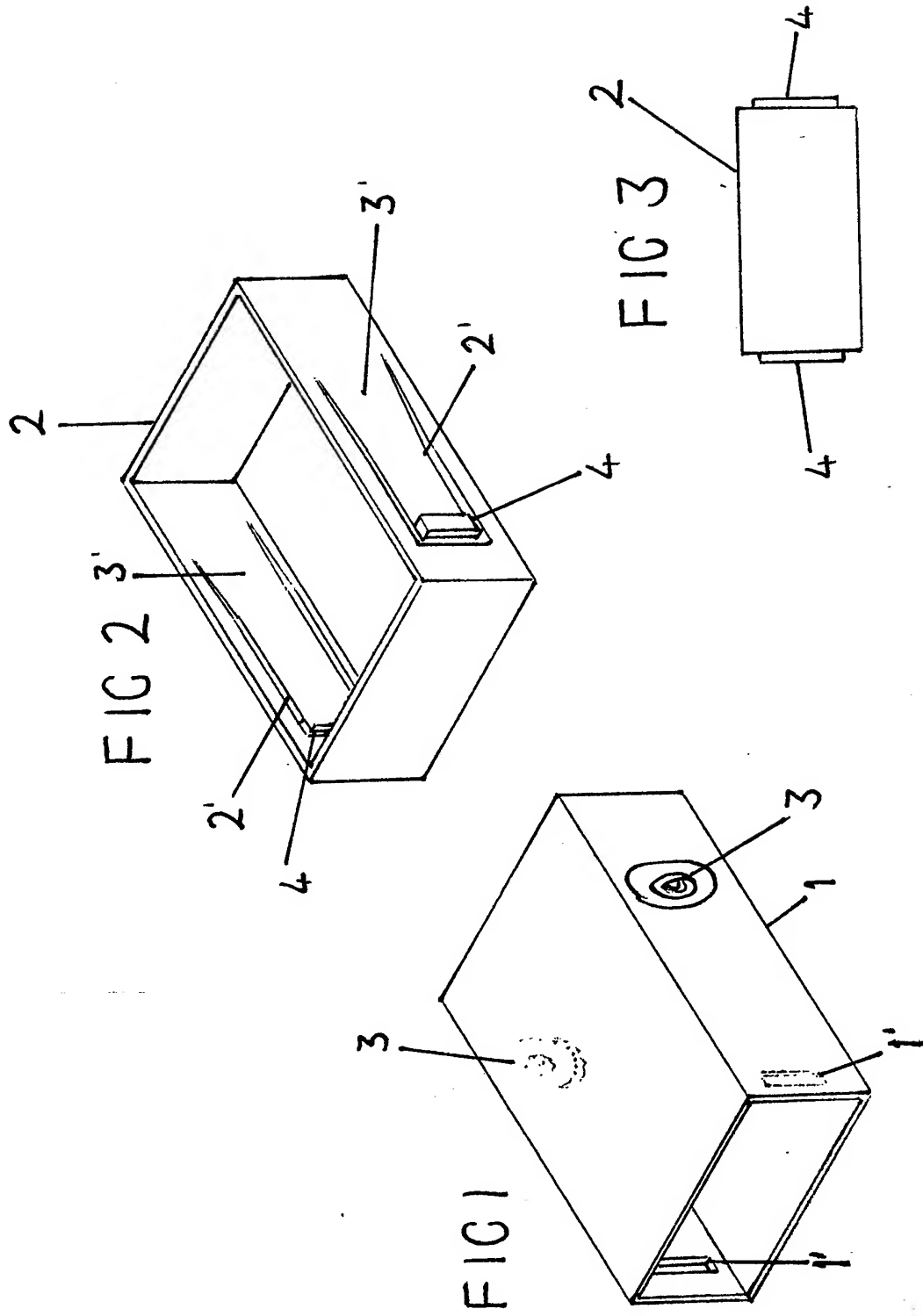
(54) Child-resistant containers

(57) A child-resistant container comprises an open-ended sleeve 1 and a tray 2 which is slidingly held therein and which has two flexible, tapered catches 2', projections 4 on which engage indentations 1' in the sleeve when the tray is fully received therein. The tray 2 is released by manually depressing from the outside, pressure points 3 on the sleeve 1 which act on further points 3' to displace the projections 4 from the indentations 1' and thus allow the tray to slide. A conventional matchbox may be combined with the container.



11

2042476



## SPECIFICATION

### Improvements in or relating to child-resistant containers

5 I, ALAN FRANCIS DAY, of 133 Birch Tree Avenue, West Wickham, Kent BR4 9EQ, a British subject, do hereby declare the invention, for which I pray that a patent may be granted to me, and the method by which it is to be performed, to be particularly described in and by the following statement:—

The present invention relates to child-resistant containers. Particularly suitable as or for use with matchboxes. According to the present invention, there is provided a child-resistant container comprising a sleeve having openings at both ends, and a tray that is a sliding fit within the sleeve.

20 The invention will be further described, by way of example, with reference to the accompanying drawings, in which,

*Figure 1* is a perspective view of a sleeve of the preferred container.

25 *Figure 2* is a perspective view of the inner tray of the preferred container, and

*Figure 3* is a lateral cross-section of the member 2.

The preferred container comprises a sleeve 30 1 and a tray member 2, either or both of which may be made of plastic material. The sleeve 1 is formed with two inwardly projecting lips 1' for retaining tray member 2, when outwardly projecting lips 4 locate, the sleeve 35 being dimensioned so as to be a sliding fit over the tray.

These outward projecting lips 4 on members 2 are so designed that they are sprung loaded as extensions of 2' which are cutaways 40 of the tray but held at one end.

When tray 2 is pushed into sleeve 1 outwardly sprung loaded lips 4 locate into inwardly projecting lips 1'. Any attempt to push tray member 2 out of sleeve would be in vain.

45 When it is desired to remove tray 2, one would have to press pressure points 3 on sleeve, which in turn would act on tray member 2, at point 3' causing side 2' to be deflected inwardly thus causing lips 4 to be removed from inward projecting lips 1' allowing free movement of tray member 2.

50 It would be advantageous to have tray member 2 operating one-way so as to ensure lips 4 stay within sleeve when withdrawing tray to expose contents.

## CLAIMS

1. A child-resistant container comprising a sleeve having openings at both ends, and a 60 tray that is a sliding fit within the sleeve.

2. A container as claimed in 1, in which there are provided in the sleeve means for securing a receptacle in place in the sleeve.

3. A container as claimed in 1, in which 65 there are provided in the tray means for

securing against sleeve.

4. A container as claimed in 1, 2, 3, in which the sleeve and tray each have a rectangular cross-section.

70 5. A container as claimed in 1, 2, 3, in which the sleeve and tray may have many variations on shape.

6. A child resistant container substantially as hereinbefore described with reference to the accompanying drawings.

75 7. A matchbox comprising a container as claimed in any one of the preceding claims and a conventional matchbox.

Printed for Her Majesty's Stationery Office  
by Burgess & Son (Abingdon) Ltd.—1980.  
Published at The Patent Office, 25 Southampton Buildings,  
London, WC2A 1AY, from which copies may be obtained.